SEQUENCE LISTING

<110> Institut National de la Recherche Agronomique (INRA)

<120> Method of producing double low restorer lines of Brassica
napus having a good agronomic value

<130> D21413

<140> US 10/563,277
<141> 2006-01-04

<160> 14

<170> PatentIn version 3.2

<210> 1
<211> 248
<212> DNA
<213> Brassica napus

<220>
<223> PGIo1 marker

<400> 1
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aatcttgcgg tatgaatttg tgattaaatt tgtttgtttg tgactctttc ttcattgttc   180
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<210> 2
<211> 979
<212> DNA
<213> Brassica napus

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<223> PGI-UNT R2000 marker

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aatcttgcgg tatgaatttg tgattaaatt tgtttgtttg tgactctttc ttcattgttc   180
gtttcgtac aataaaccga atgtataatc tttttacaaa ctgaattttc taccgggtct   240
atgtacaatg ctagtctcca tgttcttggg gatcatgatt tattttctac atgtattcag   300
acagtacaga agaaagtgtt caaaactctg gatgttttaa tttacagtta gtgggagagt   360
tcggcattga tccgaacaat gcatttgcat tttgggactg ggttggtgga aggtacagtg   420
gtaagtgctt gtttatttgg ttgtataaat ttctcgtcca tttccgcttg cttagtgtat   480
aactgaaatt cttttgcagt ttgcagtgct gttggagtct taccattgtc tctacagtat   540
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cttaggcata ttctttctat tttatttccc tcttaatgat ttcttctttt ttttattgca   660
ttcccgtttt attttcaaaa gttgttactg tctctaaatc aagaagaaac cttcttagta   720
gatccagctg atattcagcc tttttttaaat tggactgcag gtttttaaag gggagcttca   780
agcattgata agcatttcca gtccacaccg tttgagaaga atatacccgt gagttgcatt   840
agttgtgtga ttatacagtt ttcttgtctt tttgctatgt ccatcaacac tagagattcg   900
tgaagttatt agtgtagtca acgcataggg agaggtgatt ggtgactttt ggacgatttc   960
aggtgcttta gggttattg                                                979
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<212> DNA
<213> Brassica napus

<220>
<223> PGI-int R2000 marker

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gggtctgatg tacaatgcta gtctccatgt tcttggggat catgatttat tttctacatg     180
tattcagaca gtacagaaga aagtgttcaa aactctggat gttttaattt acagttagtg     240
gagaagttcg gcattgatcc gaacaatgca tttgcatttt gggactgggt tggtggaagg     300
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tattgcattc ccgtttatt ttcaaaagtt gttactgtct ctaaatcaag aagaaacctt      600
cttagtagat ccagctgata ttcagccttt tttaaattgg actgcaggtt tttaaagggg     660
agcttcaagc attgataagc atttccagtc cacaccgttt gagaagaata tacccgtgag     720
ttgcattagt tgtgtgatta tacagttttc ttgtcttttt gctatgtcca tcaacactag     780
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cgatttcagg tgctttaggg ttattg                                           866


<210> 4
<211> 957
<212> DNA
<213> Brassica napus

<220>
<223> BolJon marker R2000

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gggataacag tgtagaaaac aaaccgtctg taagattttc tccctgatcc tctcacttaa     180
ccagtaggcg tttttcacat tgaagcgcat atctactttg gtattcactg aataaaaaaa     240
gaaagctggt aacatgtgaa ggatatacaa gcattgatac accaagtagt cacaaactac     300
attataaagg tcagaccttt gttcacattc tggcctccag gaccaccgct tctagcaaag     360
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atacaaacaa aactatgcga acagatcaaa actactacag aacacagttc tatgacactg     540
tcgatagtaa catcctctgc aagtaccaaa gagatagcaa atgaaactat gtaaacaaat     600
caaaattcta aatttctcca tcacaaggac ctacagaata gagttatcat aacattttct     660
gtaaatattt ccatcaaaat gactagagaa cagagttctt ataacattat ctgtaaatgt     720
tccaacaaaa ccactacata gcagagttct tataacattg tctgtaaatg tccaatcaaa     780
accactacag aacaaagctc ctataacatt gtttatacaa agtttcacta aatctacaaa     840
ctttccccgt aaatgagctt aatatcaccc aaagatgttt caatcagata aagagtacga     900
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<212> DNA
<213> Brassica napus

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<223> CP418L marker R2000

<400> 5
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ccactacata gcagagttct tataacattg tctgtaaatg tccaatcaaa accactacag      180
aacaaagctc ctataacatt gtttatacaa agtttcacta aatctacaaa cttccccgt       240
aaatgagctt aatatcaccc aaagatgttt caatcagata aagagtaacg acatcgtttt      300
gagattagaa caaactgaaa cttacgtaga gtgatttgag gagtaggctc gttgccagca      360
gagctagctc tctcctccgc ctcatgaagc atctgttgca cctgagacaa ccgtgacgaa      420
actttccgat caccgccacc agaattcgac gccgcgcatc ggaaggatcc gaatcgggaa      480
ctgagtgaac ccgagcgatc ccgggagtgc gacggagcga tgggaaaaga gagtggcacg      540
atttcgacga agagtggaag aggagagggt ggtggataaa ctcgcgtatg atcaagttcg      600
tcatcgtcct gattgccgcc attttttttg tcagggcgct ctgtggctta gaagtttccg      660
atgtcaatga ac                                                         672
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<210> 6
<211> 20
<212> DNA
<213> artificial sequence

<220>
<223> PGIol U primer

<400> 6
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<220>
<223> PGIint U primer

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<220>
<223> PGIint L primer

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<210> 12
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<220>
<223> BolJon U primer

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<210> 13
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<223> BolJon L primer

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<210> 14
<211> 21
<212> DNA
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<223> pCP418 L primer

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